1	2	3	4	5	6
14.	Madhya Pradesh	8.315	1663.00	7.220	361.00
15.	Maharashtra	9.915	1983.00	15.820	791.00
16.	Manipur	0.230	46.00	0.180	9.00
17.	Meghalaya	0.250	50.00	0.160	8.00
18.	Mizoram	0.100	20.00	0.200	10.00
19.	Nagaland	0.200	40.00	0.120	6.00
20.	Orissa	4.015	803.00	2.080	104.00
21.	Punjab	1.620	324.00	3.420	171.00
22.	Rajasthan	6.150	1230.00	4.400	220.00
23.	Sikkim	0.065	13.00	0.020	1.00
24.	Tamil Nadu	4.350	870.00	11.440	572.00
25.	Tripura	0.285	57.00	0.160	8.00
26.	Uttar Pradesh	14.640	2928.00	10.340	517.00
27.	Uttaranchal	0.810	162.00	0.680	34.00
28.	West Bengal	6.355	1271.00	7.860	393.00
	TOTAL	100.000	20000.00	100.000	5000.00

Modernization of petrol retail outlets

2981. PROF. P.J. KURIAN: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to refer to answer to unstarred question 2916 given in the Rajya Sabha on the 23rd August, 2005 and state:

(a) the total number of petrol/diesel pumps modernzied so far and the average cost per modernization;

(b) the number of them that are Government-owned and how many are owned by private dealers; and

(c) the justification in spending money for private dealers?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI MANI SHANKAR AIYAR): (a) to (c) The information is being collected and will be laid on the Table of the House.

Production of Bio-diesel

2982. SHRI RAJU PARMAR: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that some organizations have developed bio-diesel from plants which is energy efficient and cost effective;

(b) whether this bio-diesel is pollution free and cheaper as compared to other petroleum products;

(c) if so, the details thereof; and

(d) what steps are being taken to enhance the production of bio-diesel from plants in future?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI MANI SHANKAR AIYAR): (a) to (c) A few academic and R&D Institutes such as the Indian Institute of Petroleum (IIP), IOCL R&D Center, Punjab Agricultural University, Central Salt & Marine Chemicals Research Institute, etc. and other private entrepreneurs are producing Bio-diesel on a pilot scale for R&D purposes from various vegetable oils/tree borne oilseeds (TBOs) such as *Jatropha Curcus* (Ratan Jyot), *Pongomia* etc. Bio-diesel reduces emissions of various harmful pollutants, though its calorific value is less than that of petro-diesel. Effective 01/01/2006, the public sector oil marketing companies have agreed to purchase Bio-diesel that meets the specified BIS specifications at the initial price of Rs. 25 per litre, which may be reviewed by them every six months.

(d) A Detailed Project Report (DPR) on the National Mission on Bio-diesel has been submitted by the Ministry of Rural Development to the Planning Commission, which, *interalia,* envisages a Demonstration Project involving the plantation of *Jatropha* over 4 lakh hectare on degraded forest lands and non-forest lands for manufacturing Bio-diesel.